

P.B.5818 - Patentlaan 2 P. B. 5818 - Patentiaan 2 2280 HV Rijswijk (ZH) ☎ +31 70 340 2040 TX 31651 epo nl FAX +31 70 340 3016 Europäisches Patentamt

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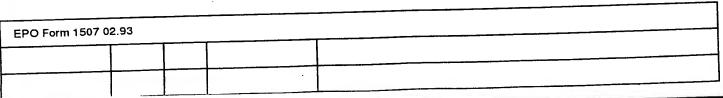
Zeichen/Ref./Réf. 20933P EP	Anmeldung Nr /Application No /Demande n° /Patent Nr /Patent No /Brevet n°. 99116056.5
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire Max-Planck-Gesellschaft zu	r Förderung der Wissensc
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COMMUNICATION

The Europea	n Patent Office herewith transmits	
	the European search report	
	the declaration under Rule 45 EPC	
\boxtimes	the partial European search report under Rule 45 EPC	
	the supplementary European search report concerning the international application under A relating to the above-mentioned European patent application. Copies of the documents cite enclosed.	rticle 157(2) EPC d in the search report are
The following	g specifications given by the applicant have been approved by the Search Division :	-
X	Abstract Title] Figure
	The abstract was modified by the Search Division and the definitive text is attached to this co	
	The following figure will be published with the abstract, since the Search Division considers the invention than the one indicated by the applicant.	that it better characterises
M	Figure: Additional copy(copies) of the documents cited in the European search report.	STUTNISCHES PATENTES

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent ConventionEP 99 11 6056 shall be considered, for the purposes of subsequent proceedings, as the European search report

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	DOCUMENTS CONSIDER	ED TO BE RELEVANT	Relevant	CLASSIFICATION OF THE
Category	Citation of document with indica of relevant passages	tion, where appropriate,	to claim	APPLICATION (Int.CI.7)
X	DONG JIANYING ET AL: "Metalloprotease-media regulates autocrine si epidermal growth factor PROCEEDINGS OF THE NAT SCIENCES OF THE UNITED MAY 25, 1999, vol. 96, no. 11, 25 Ma pages 6235-6240, XPOOR ISSN: 0027-8424 * the whole document	gnaling through the or receptor." TIONAL ACADEMY OF STATES OF AMERICA ay 1999 (1999-05-25), 2136687	1-18	A61K31/38 A61K31/16 A61K38/55 A61K38/05 G01N33/50 A61P11/06 A61P31/00 A61P35/00
X,D	BROWN ET AL: "cell s cleavage of human amp is sensitive to a met inhibitor" JOURNAL OF BIOLOGICAL vol. 273, no. 27, 199 XP002136688 * the whole document	hiregulin precursor alloprotease CHEMISTRY, 8, pages 17258-17268	1-18	TECHNICAL FIELDS SFARCHED (Int.Cl.7)
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	OMPLETE SEARCH parch Division considers that the present ap	plication, or one or more of its claims, d	oes/do	_
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<u>₹</u> Y:	CATEGORY OF CITED DOCUMENTS particularly relevant if taken alone particularly relevant if combined with anoth document of the same category	E : earlier pater after the filin er D : document ci L : document ci	ted in the applicated for other reas	published on, or ution ons
O FORM	technological background : non-written disclosure : intermediate document	& : member of t document	he same patent f	amily, corresponding



PARTIAL EUROPEAN SEARCH REPORT Application Number

EP 99 11 6056

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X	EP 0 780 386 A (HOFFMANN LA ROCHE ;AGOURON	1–13, 15–18	
X,D A	DAUB ET AL: "role of transactivation of the EGF receptor in signalling by G-protein-coupled receptors" NATURE, vol. 379, 1996, pages 557-560, XP002136689 * the whole document *	19 1-18	
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Α	<pre>XP002136690 * the whole document *</pre>	1-18	
D,A	IZUMI ET AL: "a metalloprotease disintegrin, mdc9/meltrin-gamma/adam9 and pkcdelta are involved in tpa induced ectodomain shedding of membrane anchred heparin binding egf like growth factor" EMBO JOURNAL, vol. 17, no. 24, 1998, pages 7260-7272, XP002136691 * the whole document *	1-13	
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A	TAKEYAMA KIYOSHI ET AL: "Epidermal growth factor system regulates mucin production in airways." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA MARCH 16, 1999, vol. 96, no. 6, 16 March 1999 (1999-03-16), pages 3081-3086, XP002136693 ISSN: 0027-8424 * page 3086, left-hand column, line 24 - line 32 *	16	
A	ROMANO ET AL: "helicobacter pylori upregulates expression of epidermal growth factor related peptides, but inhibits their proliferative effect in mkn 28 gastric mucosal cells" JOURNAL OF CLINICAL INVESTIGATION, vol. 101, no. 8, 1998, pages 1604-1613, XP002136694 * the whole document *	16	TECHNICAL FIELDS SEARCHED (Int.CI.7)
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INCOMPLETE SEARCH SHEET C

Application Number

EP 99 11 6056

th claims 17-18 partialy (in so far it concern in vivo method) are directed to a method of treatment of the human/animal body Although claims 17-18 (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.

Claim(s) searched completely: 8-10, 14, 19

Claim(s) searched incompletely: 1-7, 11-13, 15-18

Reason for the limitation of the search:

Present claims 1-7, 11-13, 15-18 relate to the use of compounds which have only been defined by a certain characteristic, that is "modulate G-protein mediated signal transduction", whereas the application provides support within the meaning of Article 84 EPC and/or disclosure within the meaning of Article 83 EPC for only a very limited number of such compounds.

In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to modulators of proteinase which inhibit the

cleavage of growth factor ligand precursor.

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 11 6056

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-05-2000

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